

## INTERNATIONAL SEARCH REPORT

PCT/GB 03/02350

A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 C12Q1/00 C12Q1/42

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, MEDLINE, WPI Data, PAJ, EMBASE

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	OSBORNE M A ET AL: "THE YEAST TRIBRID SYSTEM - GENETIC DETECTION OF TRANS-PHOSPHORYLATED ITAM-SH2-INTERACTIONS" BIO/TECHNOLOGY, NATURE PUBLISHING CO. NEW YORK, US, vol. 13, 1 December 1995 (1995-12-01), pages 1474-1478, XP002033515 ISSN: 0733-222X page 1475, column 1, paragraph 2 -page 1478, column 1, last paragraph; figure 1	1-16
X	US 5 637 463 A (DALTON STEPHEN ET AL) 10 June 1997 (1997-06-10) column 1, line 12 -column 3, line 27; claims 1-20; figure 1; example 1	1-16 -/-

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the International filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the International filing date but later than the priority date claimed

- \*T\* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the International search

Date of mailing of the International search report

3 September 2003

18/09/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
 NL - 2280 HV Rijswijk  
 Tel (+31-70) 340-2040, Tx. 31 651 epo nl,  
 Fax (+31-70) 340-3016

Authorized officer

Stachowiak, O

## INTERNATIONAL SEARCH REPORT

PCT/GB 03/02350

C(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	VOLPERS C ET AL: "cDNA expression cloning and characterization of phosphorylation dependent protein interactors using the yeast tribrid system." METHODS IN MOLECULAR BIOLOGY (CLIFTON, N.J.) UNITED STATES 2001, vol. 124, 2001, pages 271-293, XP001154168 ISSN: 1064-3745 page 272, column 1, paragraph 3 -page 274, column 2, paragraph 1; figures 1,2	1-16
X	CLARK DANIEL D ET AL: "Rapid detection of protein tyrosine kinase activity in recombinant yeast expressing a universal substrate." JOURNAL OF PROTEOME RESEARCH, vol. 1, no. 3, May 2002 (2002-05), pages 207-209, XP001154165 May-June, 2002 ISSN: 1535-3893 Published online 19.03.2002 (2002-03-19). page 207-209; figures 1-3	1-16
X	KOCHAN J P ET AL: "The yeast tribrid system: cDNA expression cloning of protein interactions dependent on posttranslational modifications." METHODS IN ENZYMOLOGY. UNITED STATES 2000, vol. 328, 2000, pages 111-127, XP009016081 ISSN: 0076-6879 the whole document	1-16
X	SEREBRIISKII ILYA G ET AL: "Redefinition of the yeast two-hybrid system in dialogue with changing priorities in biological research." BIOTECHNIQUES, vol. 30, no. 3, March 2001 (2001-03), pages 634-655, XP009016134 ISSN: 0736-6205 page 638, column 3, paragraph 1; figures 1-5	1-16
X	FULLER K J ET AL: "Development of a yeast trihybrid screen using stable yeast strains and regulated protein expression." BIOTECHNIQUES, vol. 25, no. 1, July 1998 (1998-07), pages 85-86 88, 90-92, XP001154167 ISSN: 0736-6205 the whole document	1-16
		-/-

## INTERNATIONAL SEARCH REPORT

PCT/GB 03/02350

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>TIRODE ET AL: "A CONDITIONALLY EXPRESSED THIRD PARTNER STABILIZES OR PREVENTS THE FORMATION OF A TRANSCRIPTIONAL ACTIVATOR IN A THREE-HYBRID SYSTEM"</p> <p>JOURNAL OF BIOLOGICAL CHEMISTRY, AMERICAN SOCIETY OF BIOLOGICAL CHEMISTS, BALTIMORE, MD, US,</p> <p>vol. 37, no. 272, 1997, pages 22995-22999, XP002051283</p> <p>ISSN: 0021-9258 abstract</p> <p>-----</p>	1-16
A	<p>WANG RONALD L ET AL: "Tandem SH2 domains of ZAP-70 bind to T cell antigen receptor zeta and CD3-epsilon from activated Jurkat T cells."</p> <p>JOURNAL OF BIOLOGICAL CHEMISTRY,</p> <p>vol. 268, no. 26, 1993, pages 19797-19801, XP002253325</p> <p>ISSN: 0021-9258 the whole document</p> <p>-----</p>	1-16

**INTERNATIONAL SEARCH REPORT**

Inventor or applicant family members

PCT/GB 03/02350

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5637463	A 10-06-1997	NONE	